

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 14/Jun/2020 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	91.844	1284.331	1) Gujrat	4.441	50.603
2) Hydro	4.773	124.970	2) Madhya Pradesh	4.853	90.278
3) Gas	3.337	38.835	3) Chattisgarh	4.590	76.300
Total MSPGCL	99.954	1448.136	4) Maharashtra	133.908	1583.005
B) 1) APMIL	27.352	616.752	5) Goa (Amona)	-0.220	-2.464
2) JSWEL	17.250	235.534	Total	147.572	1797.722
3) VIPL	0.000	0.000	a) Mumbai Schedule	20.837	279.981
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	21.471	261.068
5) WPCL	2.551	35.845	c) MSEDCL Bilateral *	41.926	530.484
6) Other IPP	6.547	111.652	Include PX	18.926	187.345
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	20.837	279.981
C) 1) TPCL Thermal	5.190	106.476	Include PX	14.535	183.224
2) TPCL Hydro	4.089	62.318	Standby	0.000	0.000
3) TPCL Gas	4.392	61.634	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.014	141.234	1) MSEDCL	308.795	4436.622
D) STATE			2) Mumbai Discoms	44.156	632.725
1) Thermal	159.748	2531.824	TOTAL STATE	352.951	5069.347
(A1+C1+C4+(B1-B6))					
2) Hydro	8.862	187.288			
(A2+C2)					
3) Gas	7.729	100.469			
(A3+B7+C3)					
4) Wind	23.865	371.322			
6) SOLAR	5.175	80.727			
TOTAL STATE	205.379	3271.630			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 12 Hrs	B. Day Peak at 14 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	3518	3526	4006	3787
MSPGCL Hydro	169	246	517	69
MSPGCL Gas	144	140	144	136
MSPGCL Total Generation	3831	3912	4667	3992
Central Sector Receipt	7361	6847	5508	5584
WIND	669	1151	1456	558
CPP / IPP Thermal	1904	1939	2408	2347
CPP / IPP Gas	0	0	0	0
SOLAR	697	655	0	0
Exchange with Mumbai	-896	-972	-828	-887
MSEDCL DEMAND MET	13566	13532	13211	11594
Load Shedding	0	0	0	0
MSEDCL DEMAND	13566	13532	13211	11594
TPCL GENERATION	524	480	832	469
AEML GENERATION	374	374	374	376
MUMBAI DEMAND	1794	1826	2034	1732
STATE DEMAND MET	15360	15358	15245	13326
STATE DEMAND	15360	15358	15245	13326
Frequency (Hz)	50.03	50.01	49.99	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 07.50 Hrs	49.82 Hz at 21.30 Hrs	50.02	0 % of Time(min)

Note : The report is based on Operational Data and is for statistical purpose only.

Shift Engineer

Shift Incharge

Daily and Progressive Generation,Maximum,Minimum for 14/Jun/2020

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	0.00	0	0
Unit 9	0.00	18.14	0	0
Unit 10	0.00	18.21	0	0
Total	0.00	36.35		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	2.50	0	0
Unit 5	0.00	4.40	0	0
Total	0.00	6.91		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	2.61	0	0
Total	0.00	2.61		
Chandrapur				
Unit 3	4.07	46.37	180	163
Unit 4	3.85	43.38	162	160
Unit 5	9.45	102.87	430	365
Unit 6	9.49	114.16	460	360
Unit 7	9.54	133.55	450	360
Unit 8	9.98	144.72	475	360
Unit 9	9.83	134.91	455	360
Total	56.21	719.96		
Paras				
Unit 3	4.16	72.01	250	0
Unit 4	5.05	75.29	250	188
Total	9.21	147.30		
Khaparkheda				
Unit 1	3.83	55.39	170	140
Unit 2	4.04	58.40	185	160
Unit 3	4.12	52.03	190	158
Unit 4	4.07	57.95	195	160
Unit 5	10.36	147.43	490	365
Total	26.43	371.20		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	0.00	0.00		
Uran				
All Units	3.34	38.84	147	131
Total	3.34	38.84		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		
PENCH (MS)				
Pench (MS)	0.10	2.00	27	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.10	2.00		
Koyna				
Stage 1-2	2.52	46.12	375	35
Stage 4	0.00	34.90	0	0
Stage 3	0.49	18.62	80	0
Total	3.01	99.64		
Hydro				
KDPH	0.34	5.48	14	14
VTRNA	0.00	0.00	0	0
TILLARI	0.72	7.74	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.00	0.75	0	0
RNGR+BHTSA	0.13	3.19	11	0
BHANDARDRA	0.44	6.06	35	10
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.14	2.11	15	3
GHATGHAR	0.00	0.00	0	0
Total	1.76	25.33		
Wind				
Total	23.86	371.32	0	0
Total	23.86	371.32		
CPP				
APML(Mus)	27.35	616.75	0	0
JSWEL(Mus)	17.25	235.53	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.55	35.84	0	0
Other(Mus)	6.55	111.65	0	0
Total	53.70	999.78		
SOLAR				
Total	5.18	80.73	0	0
Total	5.18	80.73		
Tata				
Trombay 5	5.19	106.48	308	195
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	39.32	118	116
Trombay 7B	1.58	22.32	67	65
Trombay 8	0.00	0.00	0	0
TATA Hydro	4.09	62.32	459	67
Total	13.67	230.43		
AEML				
DTPS U-1&2	9.01	141.23	401	373
Total	9.01	141.23		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	91.84	1284.33	MSPGCL Total	99.95	1448.14
			MSPGCL Thml+Gas	95.18	1323.17	Koyna 1,2 & 4 Total	2.52	81.02
			MSPGCL Hydro	4.77	124.97	State Total	205.38	3271.63

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 14/Jun/2020

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDI NG	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	4215	92	145	4452	917	2385	0	0	5567	5362	-866	12250	0	12250	1999	14249	50.03
2	4185	64	136	4385	733	2374	0	0	5592	5553	-946	12099	0	12099	1886	13985	50.05
3	4164	74	146	4384	722	2370	0	0	5487	5318	-921	11873	0	11873	1801	13674	50.03
4	3787	69	136	3992	558	2347	0	0	5621	5584	-887	11594	0	11594	1732	13326	50.03
5	3964	257	146	4367	379	2393	0	0	5640	5848	-859	12128	0	12128	1688	13816	50.00
6	4150	234	135	4519	368	2402	0	0	6038	6126	-817	12598	0	12598	1690	14288	49.98
7	4145	168	147	4460	390	2394	0	37	6774	6726	-774	13233	0	13233	1635	14868	50.03
8	4114	99	146	4359	394	2309	0	173	6967	6768	-777	13226	0	13226	1636	14862	50.09
9	3554	131	136	3821	547	2246	0	367	7152	7225	-850	13356	0	13356	1692	15048	50.04
10	3512	165	145	3822	690	2317	0	514	7100	7032	-914	13461	0	13461	1750	15211	50.07
11	3516	170	135	3821	769	2121	0	605	7342	6997	-896	13417	0	13417	1773	15190	50.01
12	3518	169	144	3831	669	1904	0	697	7588	7361	-896	13566	0	13566	1794	15360	50.03
13	3512	382	131	4025	850	1937	0	654	6734	6950	-966	13450	0	13450	1834	15284	50.02
14	3526	246	140	3912	1151	1939	0	655	6819	6847	-972	13532	0	13532	1826	15358	50.01
15	3537	146	131	3814	1457	1951	0	507	7357	6637	-981	13385	0	13385	1852	15237	50.05
16	3528	140	132	3800	1665	1924	0	445	6994	6479	-985	13328	0	13328	1847	15175	50.03
17	3531	145	142	3818	1597	1956	0	343	6099	5945	-940	12719	0	12719	1815	14534	50.04
18	3416	435	133	3984	1416	2065	0	156	5331	5774	-871	12524	0	12524	1768	14292	50.02
19	3832	395	142	4369	1498	2382	0	22	5262	5351	-884	12738	0	12738	1765	14503	50.03
20	3913	285	133	4331	1234	2374	0	0	5738	5929	-884	12984	0	12984	1903	14887	50.03
21	4006	517	144	4667	1456	2408	0	0	5482	5508	-828	13211	0	13211	2034	15245	49.99
22	4047	133	134	4314	1558	2409	0	0	5610	5252	-838	12695	0	12695	2086	14781	49.97
23	4056	90	144	4290	1395	2378	0	0	5421	5607	-931	12739	0	12739	2156	14895	50.01
24	4116	167	134	4417	1452	2415	0	0	5278	5393	-988	12689	0	12689	2194	14883	50.00
MUs	91.84	4.77	3.34	99.95	23.87	53.70	0.00	5.18	148.99	147.57	-21.47	308.79	0.00	308.79	44.16	352.95	50.02

NOTE : ALL VALUES IN MW

Mumbai Net Exch is shown with reference to MSETCL system and (-) sign indicates MSETCL periphery to Mumbai system.

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 14/Jun/2020

Position as on 6.30 Hrs of 15/Jun/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
FORCED OUTAGE								
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	No PPA	
CPP	SWPGL U-4	135	15/12/2018	00.00		Continued.	No Schedule	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 7	210	27/08/2019	09.52		Continued.	Coal Flow Problem Due To Wet Coal.(Converted To Zero Schedule From 12.09.2019 At 10.00 hrs)	
MSPGCL	Bhusawal Unit 3	210	01/09/2019	17.56		Continued.	Zero Schedule from 18:00hrs of 28/09/2019	
MSPGCL	Koradi Unit 6	210	06/09/2019	15.41		Continued.	Zero Schedule By MSEDCL	
IPP	RPL(AMT) U-4	270	12/11/2019	00.00		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Nasik Unit 5	210	12/12/2019	10.25		Continued.	PA Fan Problem (Under Case 4 Bidding From 11.00Hrs DT. 13-12-2019)	
IPP	RPL(AMT) U-3	270	11/02/2020	18.00		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-5	270	11/02/2020	19.30		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Nasik Unit 3	210	17/02/2020	00:00		Continued.	C W PUMP High Vibrations(convert to Zero Schedule from 00.00Hrs DT. 18-02-2020)	
MSPGCL	Ghatghar Unit-1	125	18/02/2020	00.25		Continued.	Severe Hunting In Hydro Conduit Across MIV	
MSPGCL	Uran Unit 8	108	01/03/2020	20.57		Continued.	Gas shortage	
IPP	RPL(AMT) U-1	270	04/03/2020	19.30		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Ghatghar Unit-2	125	09/03/2020	10:50		Continued.	Expansion joint leakage.	
IPP	RPL(AMT) U-2	270	09/03/2020	20.15		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Parli Unit 6	250	21/03/2020	17.31		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Nasik Unit 4	210	25/03/2020	19.45		Continued.	Reserve Shut Down.	
MSPGCL	Uran Unit 5	108	06/04/2020	13.23		Continued.	Gas shortage	
TPC_G	Trombay 8	250	11/04/2020	16.55		Continued.	Zero Schedule.	
CPP	SWPGL U-3	135	25/04/2020	00.08		Continued.	No Schedule	
IPP	JSW (J) U3	300	30/04/2020	15.13		Continued.	No Schedule	
MSPGCL	Parli Unit 7	250	12/05/2020	19.34		Continued.	Zero Schedule.	
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Shaft Position	
MSPGCL	Uran Unit B0	120	25/05/2020	12.51		Continued.	Shaft position	
MSPGCL	Koradi Unit-8	660	31/05/2020	22.56		Continued.	Heavy steam Leakage in super heater.(Converted in To Zero schedule w.e.f	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 14/Jun/2020

Position as on 6.30 Hrs of 15/Jun/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
							03.06.2020 01.28)	
MSPGCL	Bhusawal Unit 4	500	01/06/2020	07.16		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Bhusawal Unit 5	500	01/06/2020	12.21		Continued.	Zero schedule By MSEDCL	
MSPGCL	Parli Unit 8	250	01/06/2020	13.13		Continued.	Zero schedule By MSEDCL	
MSPGCL	Koradi Unit 9	660	02/06/2020	15.42		Continued.	Flame Failure	
MSPGCL	Koradi Unit 10	660	03/06/2020	02.20		Continued.	Zero Schedule By MSEDCL.	
IPP	Adani U-1	660	03/06/2020	15.02		Continued.	RSD	
IPP	Adani U-5	660	04/06/2020	12.29		Continued.	Zero Schedule.	
IPP	Adani U-4	660	12/06/2020	10.30		Continued.	Zero Schedule	
MSPGCL	Paras Unit 3	250	14/06/2020	17.18	14/06/2020	20.20	Furnace Pressure High	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 14/Jun/2020

Statement-VII

Position as on 6.30 Hrs of 15/Jun/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV LINE Outages/Trippings							
Karad Solapur (PG)	InterState	03/05/2017	11:49		Continued.	PO	Line Converted As 220 Kv Solapur (PG)- Jeur From LOC 403
Dhule Sar'Sarovar II	InterState	13/06/2020	16.26		Continued.	HT	Over Voltage
Chandrapur Bhadravati I	InterState	14/06/2020	17.48		Continued.	HT	Over Voltage
Dhule(MS)- Dhule(BDTCL) -II	InterState	14/06/2020	18.02	14/06/2020	20.16	T	Bus-II B Phase CVT Burst
Dhule Khandwa II	InterState	14/06/2020	18.02		Continued.	T	Bus-II B Phase CVT Burst
Dhule Sar'Sarovar I	InterState	14/06/2020	18.02	14/06/2020	21.50	T	Bus-II B Phase CVT Burst
Dhule(MS)- Dhule(BDTCL) -1	InterState	14/06/2020	18.02	14/06/2020	19.42	T	Bus-II B Phase CVT Burst
Dhule Khandwa I	InterState	14/06/2020	18.02		Continued.	T	Bus-II B Phase CVT Burst
Dhule- Bableshwar - I	IntraState	02/06/2020	18.42	14/06/2020	20.29	HT	Over Voltage
Padghe - Nagothane - I	IntraState	05/06/2020	00.25		Continued.	HT	Over Voltage (RFC At 20:20Hrs)
Babhaleshwar - Padghe-I	IntraState	08/06/2020	09.45		Continued.	EO	Attend CB Problem & Testing Work.(RFC at 20:20 Dt- 08.06.2020)
Jaigad-Karad Ckt-I	IntraState	10/06/2020	23.22		Continued.	HT	Over Voltage
BABHALESHWAR - RPL(NASHIK) CKT - 1	IntraState	11/06/2020	10.40		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	12/06/2020	17.00		Continued.	HT	Over Voltage
Padghe - Kalwa- I	IntraState	13/06/2020	03.02		Continued.	T	Over Voltage
karad -kolhapur-II	IntraState	13/06/2020	20.11		Continued.	HT	Over Voltage
Koradi-Bhusawal	IntraState	14/06/2020	01.02		Continued.	HT	Over Voltage
Bableshwar- Aurangabad (Waluj)	IntraState	14/06/2020	17.14	14/06/2020	18.35	T	PDR operated at Waluj end
Dhule - Bableshwar - II	IntraState	14/06/2020	18.02		Continued.	T	Bus Fault at Dhule.Bus-II B phase CVT Burst
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2018	10.07		Continued.	T	Differential Protection,Declared Faulty.
400/220kv, 500 MVA ICT-III @Babhleshwar	IntraState	03/06/2020	17.37		Continued.	HT	Over Voltage
400/220/33 Kv 315 Mva Ict 1 @Parali (Girwali)	IntraState	14/06/2020	12.58	14/06/2020	16.00	EO	DC Earth Leakage observed in CTR Fire Prot.system
400/220/33 Kv 315 Mva Ict 2 @Dhule	IntraState	14/06/2020	18.02		Continued.	T	Bus-II B phase CVT Burst
400/220/33 Kv 315 Mva Ict 1 @Dhule	IntraState	14/06/2020	18.02	14/06/2020	20.02	T	Bus-II B phase CVT Burst
400/220/33 Kv 500 Mva Ict 3 @Dhule	IntraState	14/06/2020	18.02	14/06/2020	19.50	T	Bus-II B phase CVT Burst
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule.
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule.(close at Chikodi end only)
Boiser(M)-Boiser(PG) -III	InterState	12/06/2020	11.26		Continued.	HT	Stringing of conductor and earthwire
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Borivali - Ghodbunder	IntraState	30/01/2020	12.05		Continued.	PO	Isolation of 220KV Cables on MSETCL Tower NO.240
Boisar Versova Line	IntraState	13/06/2020	11.40		Continued.	HT	HT For load management.
Chakan-Mahindra Vehicle	IntraState	14/06/2020	10.15	14/06/2020	14.20	PO	Reconnection of Jump of R Phase Wave Trap
WALCHANDNAGAR - PHALTAN MIDC	IntraState	14/06/2020	14.00	14/06/2020	16.30	EO	To attend Hot Spot
Wardha Butibori-III	IntraState	14/06/2020	16.37	14/06/2020	22.40	T	Distance Protection
220 KV ICT Outages/Trippings							
220/132 KV 100MVA ICT-I @	IntraState	13/06/2020	01.24		Continued.	T	Differential protection & main

HT : Hand Tripping, MT : Multiple Tripping, T : Tripping, PO : Planned Outage, EO : Emergency Outage, OO : Opportunity Outage

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 14/Jun/2020

Statement-VII

Position as on 6.30 Hrs of 15/Jun/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Shivajinagar							Buchholz trip.